

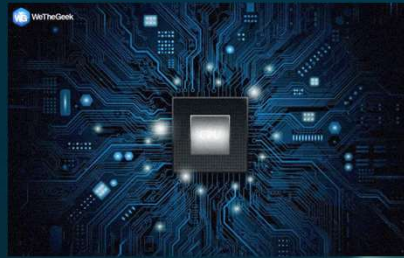
NORTH SOUTH UNIVERSITY



PC COMPONENTS E-COMMERCE SITE

GROUP MEMBERS :

- SADMAN SAKIB ALIF
2021771642



**PROJECT REPORT
CSE311 SEC:7
FALL - 2022**

GitHub Repository: <https://github.com/theKhan22/PC-Components-Site>

A BASIC OVERVIEW INTO THE PROJECT.



DESCRIPTION

INTRODUCTION

My project is an e-commerce website. For this project I have implemented a simple and efficient Website , which sells pc components. I have used html, css , javascript, php and mysql to implement the project. It is a dynamic website capable of handling changes and updating accordingly. There are two landing pages one for the admin and the other one is for the user. The admin section provides the admin with a variety of functions capable of handling a wide range of functions. These functions allow the admin to have complete control of the website and its products. The user side gives the user a easy to navigate UI which ensures a pleasant user experience. The user can very easily navigate through the website and order products without any unnecessary complications.

REASONS BEHIND THE PROJECT.



MOTIVATIONS

MOTIVATIONS

There are a wide variety of e commerce sites focused on the tech industry. I have taken inspiration from the leading tech sites and tried to integrate their best and efficient features into my website. Although my design isn't as advanced as the leading sites, I have tried to make the user experience as simple as possible while ensuring access to relevant functions in order to aid the consumer in buying different goods.

I choose this project, because I wanted to create centered around the pc enthusiast community. From my experience I have seen that most of the current tech related sites are overly complicated which often leads to the user as well as the admin getting confused about what to do and how to do it. So in my project I tried keep things very simple and self explanatory.

The user isn't bombarded with various functions and flashing lights when he/she enters the site , rather gets greeted with a simple looking UI from which he/she has access to all of the functionalities and the products. He can very easily choose a product , manipulate the quantity and order it accordingly. Also the user dashboard provides a wide variety of functions which helps the users keep track of their orders and update their profile.

The admin side also is very simple and easy to understand. Any one can get the hang of it after a couple of tries. The admin dashboard only includes the necessary functions to keep track of all the current orders , users and the products. The admin can very easily add new products and modify existing ones

I have tried my best to keep site simple and at the same time provide all necessary function to ensure the best experience

THE TOOLS USED IN DEVELOPMENT.



TECHNOLOGIES

TECHNOLOGIES USED:

BACK END :



MYSQL DBMS WILL BE USED FOR MAINTAINING THE DATABASE OF THE SITE



PHP IS USED AS THE SERVER SIDE SCRIPTING LANGUAGE

FRONT END :



JAVASCRIPT



HTML



BOOTSTRAP

LEARNING RESOURCES

LEARNING PHP :

<https://www.w3schools.com/php/>

https://www.youtube.com/watch?v=OK_JCtrrv-c

SQL:

<https://www.youtube.com/watch?v=HXV3zeQKqGY>

<https://www.youtube.com/watch?v=Q33KBiDriJY>

<https://stackoverflow.com/>

HTML AND CSS:

<https://www.youtube.com/watch?v=G3e-cpL7ofc>

IN DETAILS DESCRIPTION OF THE DESIGN .



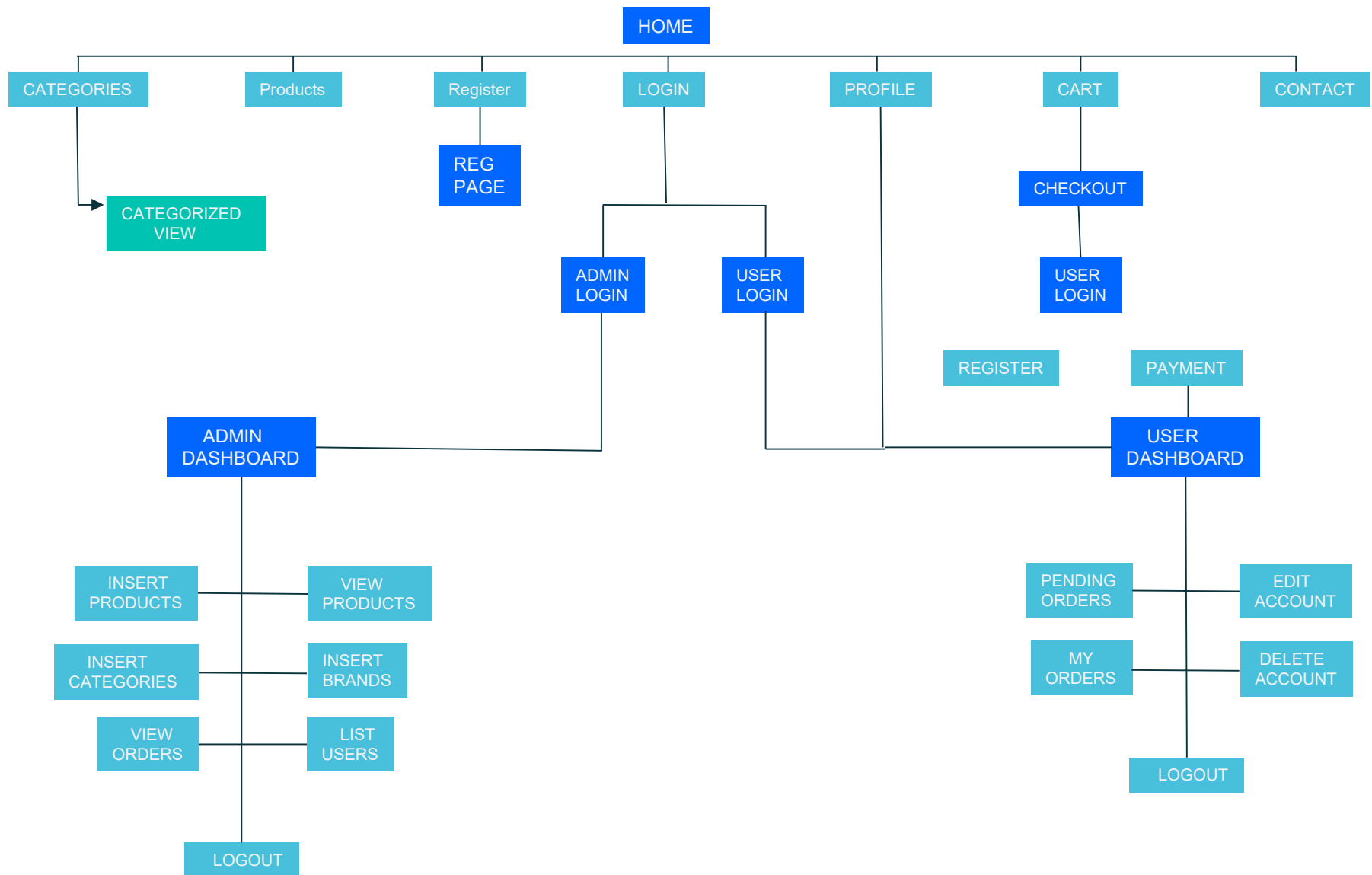
DESIGN

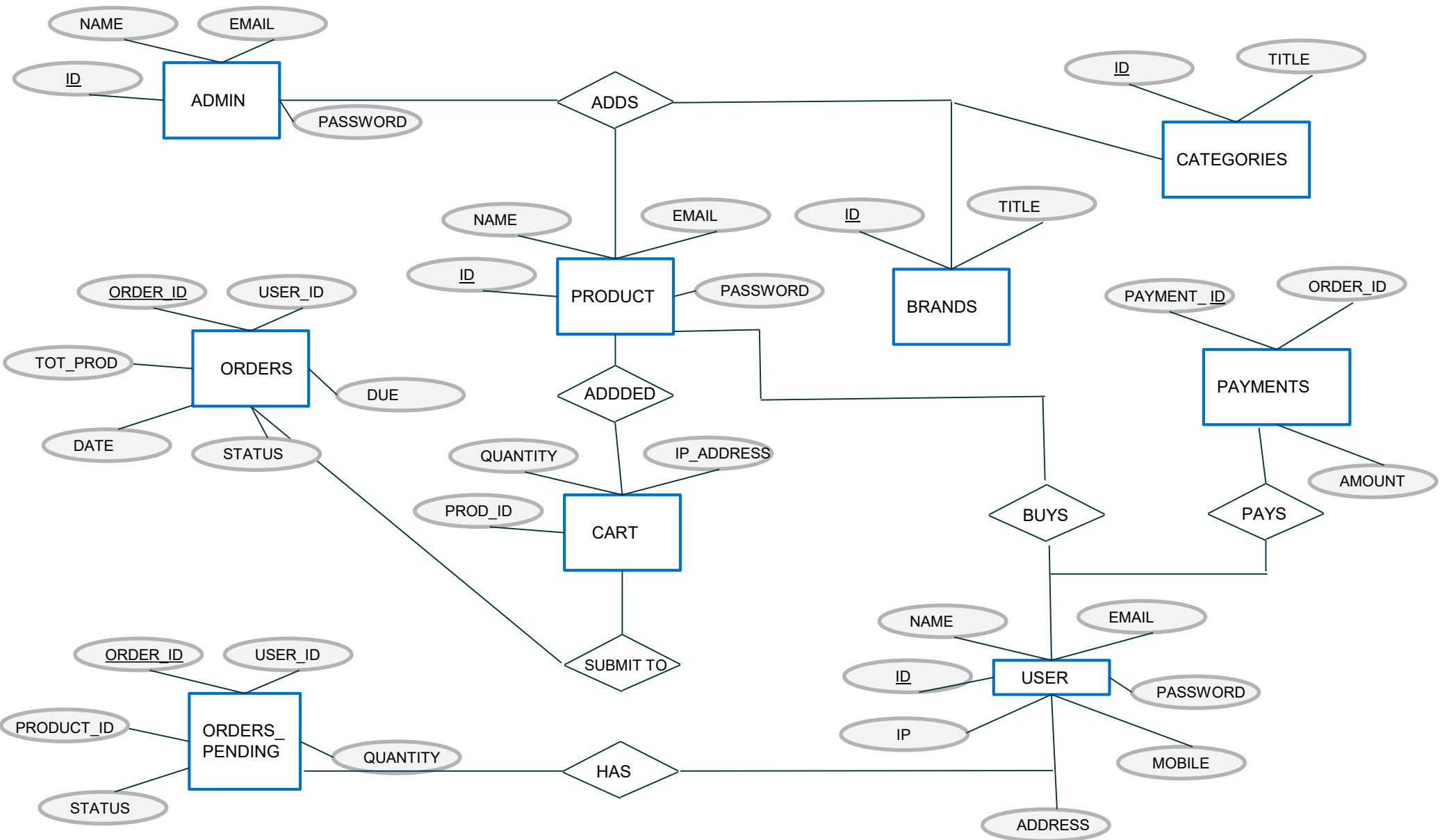
USER FEATURES

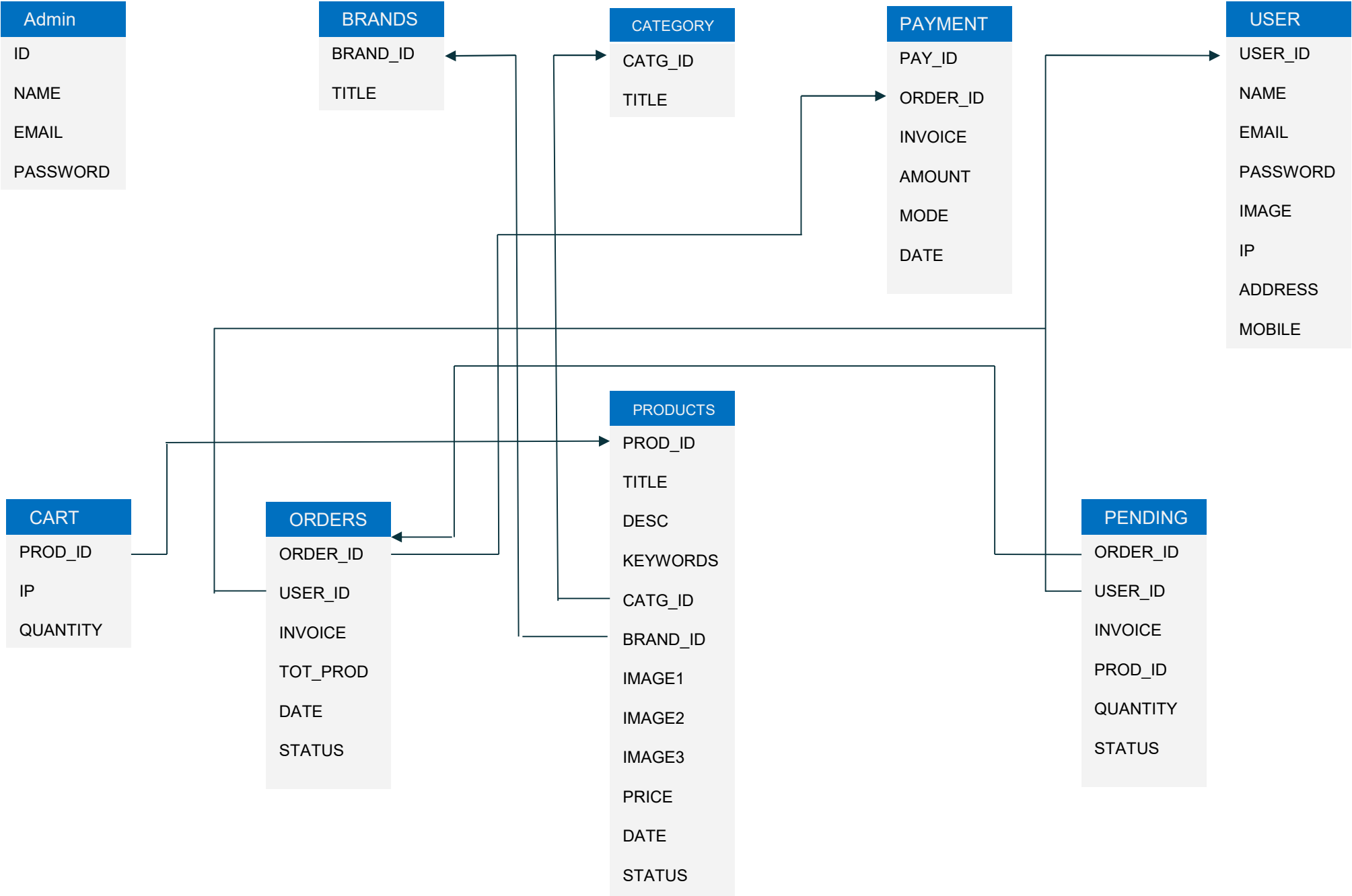
MY ORDERS:	THIS WILL DISPLAY ALL OF THE ORDERED PRODUCT DETAILS OF THE INDIVIDUAL USER
EDIT ACCOUNT:	WILL BE USED TO MAKE NECESSARY CHANGES OF THE INFORMATION ABOUT THE USER
DELETE ACCOUNT:	THIS WILL TERMINATE THE CURRENT USERS ACCOUNT
Logout:	Logout of current account

ADMIN FEATURES

INSERT PRODUCTS:	THIS WILL BE USED TO ADD NEW PRODUCTS TO THE SITE
VIEW PRODUCTS:	THIS CAN BE USED TO SEE THE CURRENT INVENTORY
INSERT CATAEGORY:	INSERT NEW CATEGORIES TO THE WEBSITE
INSERT BRANDS:	INSERT NEW BRANDS TO THE WEBSITE
VIEW ORDERS	SHOWS ALL CURRENT ORDERS
LIST USERS:	SHOW ALL OF THE USERS ALONG WITH ORDER DETAILS
CATEGORY VIEW:	GROUP PRODUCTS ACCORDING TO THEIR CATEGORIES AND DISPLAY TOTAL PRODUCTS







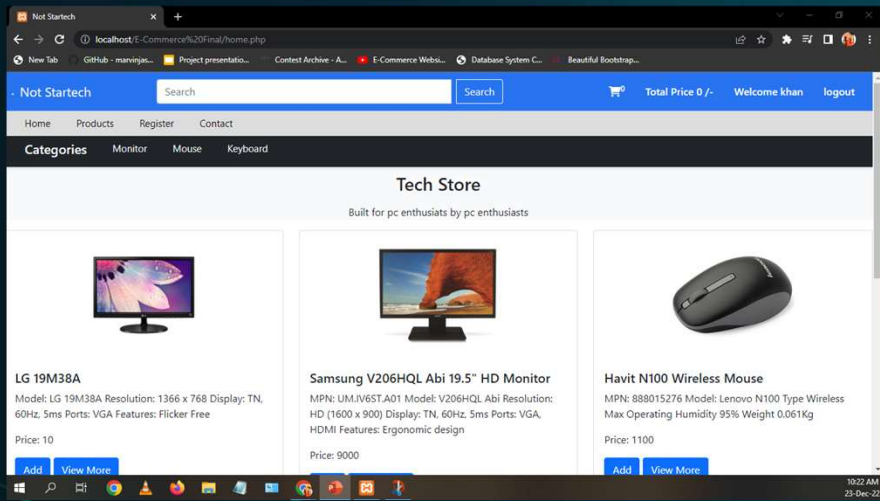


DIFFERENT SECTIONS OF THE SITE

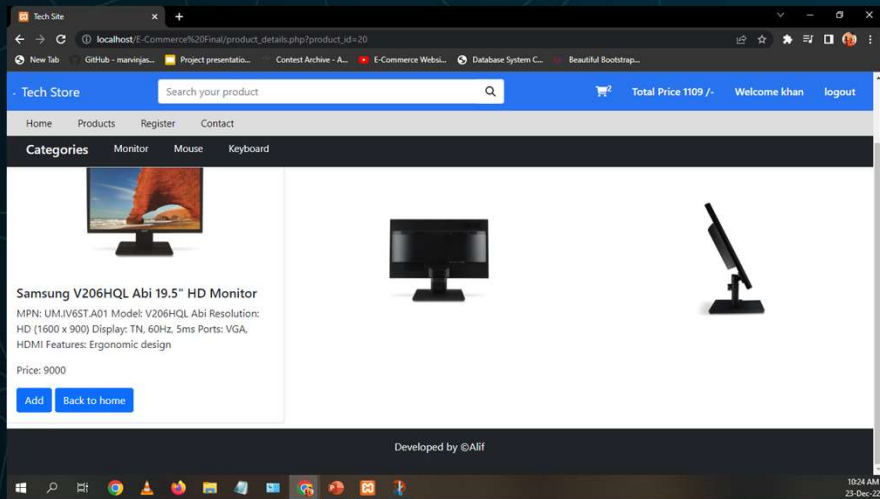


SNANPSHOTS

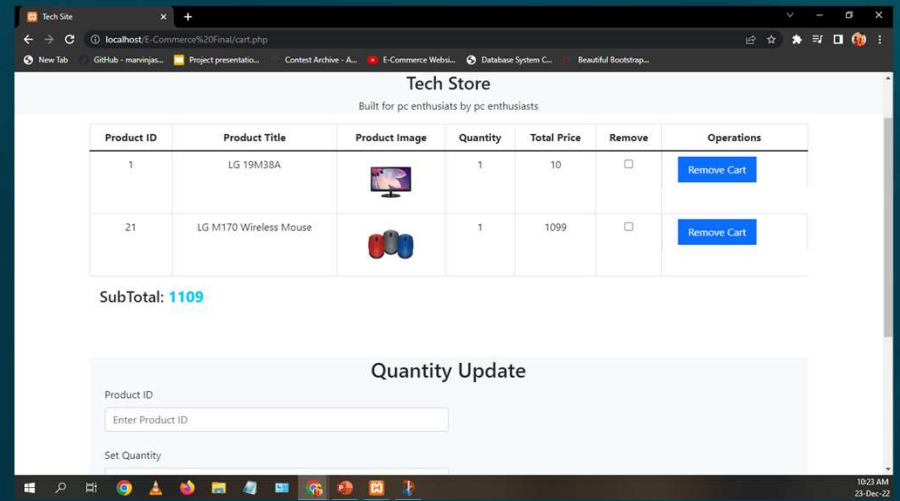
HOMEPAGE



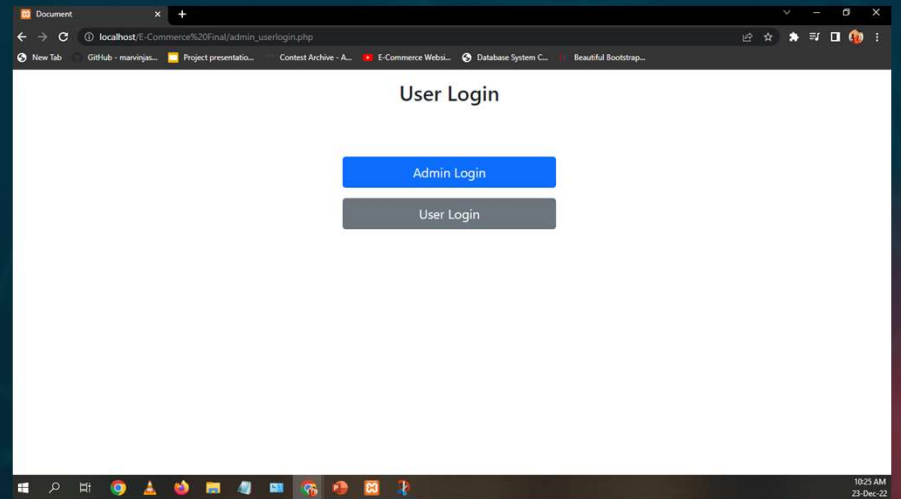
VIEW MORE



CART



LOGIN



ADMIN LOGIN

ADMIN DASHBOARD

INSERT PRODUCTS

ORDER DETAILS

SL No	Username	Email	user_mobile	order_id	amount_due	total_products	Order Status	Address	Order Date
1	Alif	alif@gmail.com	1234	7	30	2	Complete	dhaka	2022-12-13 21:39:53
2	Alif	alif@gmail.com	1234	8	20	1	Complete	dhaka	2022-12-13 21:39:40
3	Alif	alif@gmail.com	1234	9	30	2	Complete	dhaka	2022-12-13 21:40:46
4	Alif	alif@gmail.com	1234	10	30	2	Complete	dhaka	2022-12-22 22:18:10
5	Alif	alif@gmail.com	1234	11	30	2	Complete	dhaka	2022-12-22 22:39:15
6	Alif	alif@gmail.com	1234	14	10	1	Complete	dhaka	2022-12-22 22:39:30
7	Alif	alif@gmail.com	1234	15	10	1	pending	dhaka	2022-12-21 15:44:46
8	Alif	alif@gmail.com	1234	16	10	1	pending	dhaka	2022-12-21 16:07:39
9	Alif	alif@gmail.com	1234	17	10	1	pending	dhaka	2022-12-21 20:43:29
10	Alif	alif@gmail.com	1234	18	22398	3	pending	dhaka	2022-12-22 22:17:58
11	Alif	alif@gmail.com	1234	19	12490	2	pending	dhaka	2022-12-22 22:28:31

USER LOGIN

User Login

Username
Enter username

Enter your password
Enter your password

Login

Don't have an account? Register

USER DASHBOARD

Tech Store

Built for pc enthusiasts by pc enthusiasts

You have 8 pending orders Pending Orders
[Order Details](#)

Home

ComputerLogo

Pending Orders

Edit Account

My Orders

Delete Account

Logout

EDIT ACCOUNT

Tech Store

Built for pc enthusiasts by pc enthusiasts

Edit Account

Alif

alif@gmail.com

Choose File No file chosen

dhaka

1234

Update

Home

ORDER DETAILS

Tech Store

Built for pc enthusiasts by pc enthusiasts

All Orders

SI No	Order No.	Amount Due	Total Products	Invoice No.	Status
1	7	30	2	451298246	Paid
2	8	20	1	1886045964	Paid
3	9	30	2	377506670	Paid
4	10	30	2	645183827	Paid
5	11	30	2	501334234	Paid
6	14	10	1	441654454	Paid
7	15	10	1	901879619	Confirm
8	16	10	1	831400579	Confirm
9	17	10	1	140548926	Confirm
10	18	22398	3	638965895	Confirm

CONCLUSION

OVERALL THE PROJECT WENT REALLY WELL. THE EXPOSURE AND THE KNOWLEDGE I HAVE GAINED THROUGH THIS PROJECT IS INVALUABLE AND WILL SURELY HELP ME IN MY CAREER. THROUGH THIS PROJECT I HAVE LEARNED HOW A DATABASE INTERACTS WITH A WEBSITE, HOW WE CAN IMPLEMENT A FUNCTIONAL DBMS TO RUN A PRACTICAL ONLINE SHOP. HOW THE DBMS COMMUNICATES WITH THE WEBSITE. THE MOST INTERESTING PART WAS USING THE SCRIPTING LANGUAGE TO DYNAMICALLY MANIPULATE THE SITE ACCORDING TO THE CHANGES MADE. I CAN SAY THAT I AM SATISFIED WITH THE FINAL PRODUCT, BUT THERE ARE A LOT OF POINTS THAT HAVE TO BE IMPROVED. A LOT MORE FUNCTIONS NEED TO BE IMPLEMENTED TO MAKE THIS SITE A TOP CLASS WORKING E COMMECE SITE. THE CODING SECTION CAN BE COMPRESSED EVEN MORE BY USING MORE ADVANCED ALGORITHMS AND DATA STRUCTURES. I HOPE TO WORK ON THIS PROJECT IN THE FUTURE AND COME OUT WITH A MUCH BIGGER AND BETTER WEBSITE

AT THE END I WOULD LIKE TO ADD THAT, THIS PROJECT MIGHT NOT BE THE BEST BUT I HAVE TRIED MY BEST TO IMPLEMENT THE BEST VERSION POSSIBLE WITH MY CURRENT UNDERSTANDING OF WEB DEVELOPMENT. AS THE GREAT MICHELANGELO ONCE SAID:

“I am still learning.”—Michelangelo

CONTRIBUTIONS

SADMAN SAKIB ALIF (2021771642)– 100%

“I would like to thank ME”—Alif